

What is claimed is:

1. In a rotary body pressed against a pressing body for conveying a recording medium, carrying a non-fixed toner image formed by a developer, while conveying said recording medium at a nip between said rotary body and said pressing body, said rotary body comprises an under layer and a resin surface layer comprising a plurality of phases, which include a phase strongly adhering to said under layer and another phase contacting said phase.

2. The rotary body as claimed in claim 1, wherein at least one phase of said resin surface layer contains fluorocarbon resin.

3. The rotary body as claimed in claim 1, wherein said resin surface layer contains fluorocarbon resin and 5 % to 30 % of poly(ether ether ketone) resin.

4. The rotary body as claimed in claim 1, wherein at least one phase of said resin surface layer comprises a thermoconductive filler.

5. The rotary body as claimed in claim 1, wherein at least one phase of said resin surface layer comprises an electroconductive filler.

6. The rotary body as claimed in claim 1, wherein said phase, strongly contacting said under layer, has a sectional area, which is parallel to a contact portion between said resin surface layer and said under layer

within said resin surface layer, than an area of said contact portion.

7. The rotary body as claimed in claim 1, wherein said resin surface layer has a surface roughness of 5 μm or below in terms of ten-point surface roughness R_z .

8. The rotary body as claimed in claim 1, wherein a heat source is disposed in said rotary body.

9. A fixing device comprising:

a rotary body; and

a pressing body pressed against said rotary body;

said rotary body and said pressing body conveying a recording medium, carrying a non-fixed toner image formed by a multicolor, multilayer developer or a monochromatic solid developer, while conveying said recording medium at a nip between said rotary body and said pressing body to thereby fix said non-fixed image on said recording medium;

said rotary body comprises an under layer and a resin surface layer comprising a plurality of phases, which include a phase strongly adhering to said under layer and another phase contacting said phase.

10. The fixing device as claimed in claim 9, wherein the developer comprises toner containing a parting agent.

11. The fixing device as claimed in claim 9, wherein a parting agent is coated on a circumference of at least

one of said rotary body and said pressing body.

12. The fixing device as claimed in claim 9, wherein a quotient produced by dividing a pressure F (kgf) acting on the recording medium by an area S (cm^2) of a contact portion between said rotary body and said pressing body is 0.5 kgf/cm^2 or above.

13. The fixing device as claimed in claim 9, wherein a quotient produced by dividing a pressure F (kgf) acting on the recording medium by an area S (cm^2) of a contact portion between said rotary body and said pressing body is 4.0 kgf/cm^2 or below.

14. In a fixing method for causing a rotary body and a pressing body, which is pressed against said rotary body, to convey a recording medium, carrying a non-fixed toner image formed by a multicolor, multilayer developer or a monochromatic solid developer, while conveying said recording medium at a nip between said rotary body and said pressing body to thereby fix said non-fixed image on said recording medium, said rotary body comprises an under layer and a resin surface layer comprising a plurality of phases, which include a phase strongly adhering to said under layer and another phase contacting said phase.

15. The fixing device as claimed in claim 14, wherein the developer comprises toner containing a parting agent.

16. The fixing device as claimed in claim 14, wherein

a parting agent is coated on a circumference of at least one of said rotary body and said pressing body.

17. In an image forming apparatus for forming a non-fixed toner image by depositing a developer on a latent image formed on an image carrier, transferring said non-fixed toner image to a recording medium and fixing said non-fixed toner image on said recording medium with a fixing device, said fixing device comprising:

a rotary body; and

a pressing body pressed against said rotary body;

said rotary body and said pressing body conveying the recording medium, carrying the non-fixed toner image while conveying said recording medium at a nip between said rotary body and said pressing body;

wherein said rotary body comprises an under layer and a resin surface layer comprising a plurality of phases, which include a phase strongly adhering to said under layer and another phase contacting said phase.